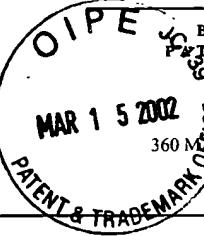


AIKINS, MACAULAY & THORVALDSON



TELEPHONE: (204) 957-0050
FACSIMILE: (204) 957-0840

BARRISTERS AND SOLICITORS
PATENT AND TRADE-MARK AGENTS

E-MAIL: amt@aikins.com
WEB SITE: http://www.aikins.com

RECEIPT

OUR FILE: 003/1US-CIP
(5500034)

March 8, 2002

COMMISSIONER OF PATENTS AND TRADEMARKS
Washington DC 20231

Dear Sir:

RE: United States Patent Application 09/905,179
Douglas A. Staley et al.
System and method for spacecraft attitude control

We enclose copies of the following:

- filing receipt for application number 09/905,179, our docket 003/1US-CIP, mailed August 23, 2001;
- an updated filing receipt for application 09/905,179, our docket 003/1US-CIP, dated November 19, 2001;
- a Notice to File Missing Parts of Non-Provisional Application in application 09/905,179, dated August 23, 2001;
- a postcard receipt confirming receipt by the Patent Office of the missing parts required by the Notice of Missing Parts dated August 23, 2001;
- a filing receipt for application number 09/996,060, our docket 003/1US-CIP, dated February 21, 2002;
- a Notice to File Missing Parts of Non-Provisional Application for application 09/996,060, our docket 003/1US-CIP, dated February 21, 2002.

All of these documents relate to one application. Evidently a second application number has been applied to the application and the missing parts have not been attached to the new file.

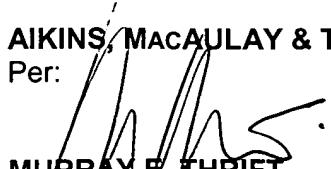
Pending receipt of your confirmation, we will assume that the application correctly bears the application number 09/905,179 and that you have in that file all of the necessary parts that were missing when the application was originally filed. If this is not correct, and some corrective action needs to be taken on our part, please let us know. Otherwise, we look forward to receipt of your confirmation that the second application number 09/996,060 and the Notice to File Missing Parts in that application have been cancelled.

We look forward to having your early reply.

Yours very truly,

AIKINS, MACAULAY & THORVALDSON

Per:


MURRAY E. THRIFT

PATENT AGENT

Direct Line: 204-957-4856

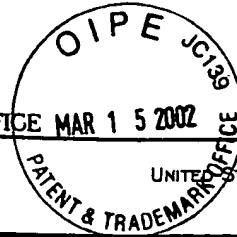
Direct E-Mail: thrift@aikins.com

Fax: 204-957-4401

Irh
enc

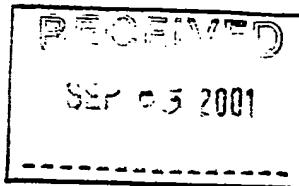


UNITED STATES PATENT AND TRADEMARK OFFICE MAR 15 2002



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPL. NUMBER	FILING DATE	GRP ART UNIT	FIL. FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/905,179	01/23/2001	3644	0.00	003/1US-CIP	9	24	8



CONFIRMATION NO. 2754
FILING RECEIPT



OC00000006467140

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30th Floor
360 Main Street
Winnipeg, MB R3C 4G1
CANADA

Date Mailed: 08/23/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Douglas A. Staley, Mississauga, CANADA;
George Tyc, Winnipeg, CANADA;
Peter R. Friese, Windsor, CANADA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF PCT/CA99/00678 07/23/1999

Foreign Applications

If Required, Foreign Filing License Granted 08/23/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

Title

System and method for spacecraft attitude control

Preliminary Class

244

Data entry by : STOKES, TUSHOMBE

Team : OIPE

Date: 08/23/2001





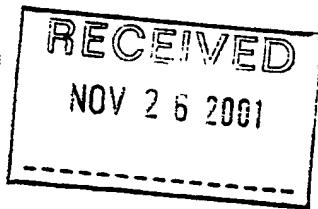
UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/905,179	01/23/2001	3644	1362	003-1US-CIP (5500034)	9	24	8

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30th Floor
360 Main Street
Winnipeg, MB R3C 4G1
CANADA



CONFIRMATION NO. 2754

UPDATED FILING RECEIPT



OC000000007091688

Date Mailed: 11/19/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Douglas A. Staley, Mississauga, CANADA;
George Tyc, Winnipeg, CANADA;
Peter R. Friese, Windsor, CANADA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CIP OF PCT/CA99/00678 07/23/1999

Foreign Applications**If Required, Foreign Filing License Granted 08/23/2001****Projected Publication Date: 02/28/2002****Non-Publication Request:** No**Early Publication Request:** No**Title**

System and method for spacecraft attitude control

Preliminary Class

244

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

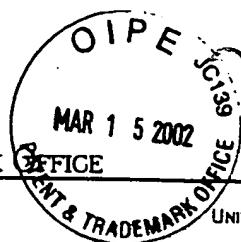
The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



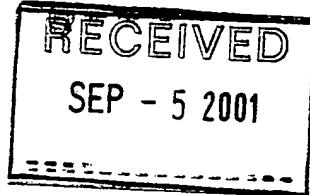
UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/905,179	01/23/2001	Douglas A. Staley	003/1US-CIP

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30th Floor
360 Main Street
Winnipeg, MB R3C 4G1
CANADA



CONFIRMATION NO. 2754

FORMALITIES LETTER



OC00000006467141

Date Mailed: 08/23/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$472.
 - \$72 for 4 total claims over 20.
 - \$400 for 5 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1312.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).

*A copy of this notice **MUST** be returned with the reply.*

1st Ave

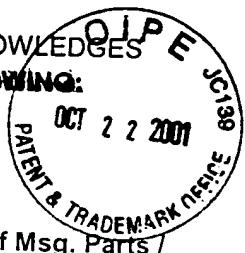
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



THE PATENT OFFICE HEREBY ACKNOWLEDGES
RECEIPT OF THE FOLLOWING:



Dated: October 19, 2001

Filing Missing Parts: Copy of Notice of Msg. Parts /
cover letter / Declaration / Abstract / Assignment & Cover
Sheet/ authorization to charge deposit acct. - \$1362 & \$40

System and Method for Spacecraft Attitude Control

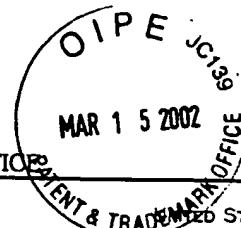
Applicant: Douglas A. Staley et al. (Bristol)

Serial No: 09/905,179

Case No: 003/1US-CIP (5500034)



UNITED STATES PATENT AND TRADEMARK OFFICE



COMMISSIONER FOR PATENTS
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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/996,060	01/23/2001	3644	0.00	003/1US-CIP	9	24	8

CONFIRMATION NO. 1186

FILING RECEIPT



OC00000007510751

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30TH Floor
360 MAIN STREET
WINNIPEG, MB R3C 4G1
CANADA

Date Mailed: 02/21/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Douglas Staley, Mississauga, CANADA;
George Tyc, Winnipeg, CANADA;
Peter R. Friese, Windsor, CANADA;

Domestic Priority data as claimed by applicant

THIS APPLICATION IS A CON OF PCT/CA99/00678 07/23/1999

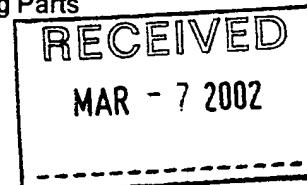
Foreign Applications

If Required, Foreign Filing License Granted 02/21/2002

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No



Title

System and method for spacecraft attitude control

Preliminary Class

**LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15**

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

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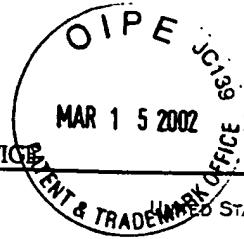
The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



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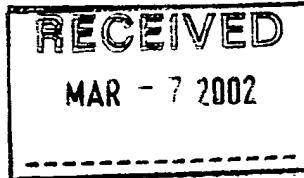
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/996,060	01/23/2001	Douglas Staley	003/IUS-CIP

CONFIRMATION NO. 1186
FORMALITIES LETTER



MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30TH Floor
360 MAIN STREET
WINNIPEG, MB R3C 4G1
CANADA



Date Mailed: 02/21/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$472.
 - \$72 for 4 total claims over 20.
 - \$400 for 5 independent claims over 3 .
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 1312.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).

filed

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 1 - ATTORNEY/APPLICANT COPY



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/996,060	01/23/2001	Douglas Staley	003/IUS-CIP

CONFIRMATION NO. 1186
FORMALITIES LETTER

MURRAY E. THRIFT
 AIKINS, MACAULAY & THORVALDSON
 30TH Floor
 360 MAIN STREET
 WINNIPEG, MB R3C 4G1
 CANADA



OC000000007510752

Date Mailed: 02/21/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

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- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1312.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/996,060	01/23/2001	Douglas Staley	003/IUS-CIP (5500034)

CONFIRMATION NO. 1186
FORMALITIES LETTER



OC000000007743179

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30TH Floor
360 MAIN STREET
WINNIPEG, MB R3C 4G1
CANADA

Date Mailed: 03/29/2002

NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 03/15/2002 to the Notice to File Missing Parts (Notice) mailed 02/21/2002 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The required items noted below SHOULD be filed along with any items required above. The filing date of this nonprovisional application will be the date of receipt of the items required above.

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$472.
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- **The balance due by applicant is \$ 1312.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under

RAM Fee History
Query
Revenue Accounting and Management

Name/Number: 09996060

Total Records Found: 0

Start Date: Any Date

End Date: Any Date

Accounting Date	Sequence Num.	Tran Type	Fee Code	Fee Amount	Mailroom Date	Payment Method
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No Records Found



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
www.uspto.gov



CONFIRMATION NO. 2754

Bib Data Sheet

SERIAL NUMBER 09/905,179	FILING DATE 01/23/2001 RULE	CLASS 244	GROUP ART UNIT 3644	ATTORNEY DOCKET NO. 003-1US-CIP (5500034)
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APPLICANTS

Douglas A. Staley, Mississauga, CANADA;
 George Tyc, Winnipeg, CANADA;
 Peter R. Friese, Windsor, CANADA;

**** CONTINUING DATA *******

THIS APPLICATION IS A CIP OF PCT/CA99/00678 07/23/1999

**** FOREIGN APPLICATIONS *********IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

** 08/23/2001

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CANADA	SHEETS DRAWING 9	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 8
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

ADDRESS

AIR MAIL

MURRAY E. THRIFT
 AIKINS, MACAULAY & THORVALDSON
 30th Floor
 360 Main Street
 Winnipeg ,MB R3C 4G1
 CANADA

TITLE

System and method for spacecraft attitude control

FILING FEE RECEIVED 1362	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/905,179	01/23/2001	Douglas A. Staley	003/IUS-CIP

CONFIRMATION NO. 2754
FORMALITIES LETTER



OC000000006467141

MURRAY E. THRIFT
AIKINS, MACAULAY & THORVALDSON
30th Floor
360 Main Street
Winnipeg, MB R3C 4G1
CANADA

Date Mailed: 08/23/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of small entity status and pay the small entity filing fee (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$472.
 - \$72 for 4 total claims over 20.
 - \$400 for 5 independent claims over 3 .
- The oath or declaration is missing.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1312.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- An abstract was not provided for this application. An abstract of the technical disclosure is required under 37 CFR 1.72(b).

*A copy of this notice **MUST** be returned with the reply.*

RAM Fee History
Query
Revenue Accounting and Management

Name/Number: 09905179

Total Records Found: 5

Start Date: Any Date

End Date: Any Date

Accounting Date	Sequence Num.	Tran Type	Fee Code	Fee Amount	Mailroom Date	Payment Method
10/23/2001	00000094	<u>1</u>	<u>101</u>	\$740.00	10/22/2001	DA 501755
10/23/2001	00000095	<u>1</u>	<u>102</u>	\$420.00	10/22/2001	DA 501755
10/23/2001	00000096	<u>1</u>	<u>103</u>	\$72.00	10/22/2001	DA 501755
10/23/2001	00000097	<u>1</u>	<u>105</u>	\$130.00	10/22/2001	DA 501755
10/25/2001	00000188	<u>1</u>	<u>581</u>	\$40.00	10/22/2001	DA 501755



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Bib Data Sheet

CONFIRMATION NO. 1186

SERIAL NUMBER 09/996,060	FILING DATE 01/23/2001 RULE	CLASS 244	GROUP ART UNIT 3644	ATTORNEY DOCKET NO. 003/1US-CIP (5500034)
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APPLICANTS

Douglas Staley, Mississauga, CANADA;
 George Tyc, Winnipeg, CANADA;
 Peter R. Friese, Windsor, CANADA;

**** CONTINUING DATA *******

THIS APPLICATION IS A CON OF PCT/CA99/00678 07/23/1999

**** FOREIGN APPLICATIONS *********IF REQUIRED, FOREIGN FILING LICENSE GRANTED**

** 02/21/2002

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY CANADA	SHEETS DRAWING 9	TOTAL CLAIMS 24	INDEPENDENT CLAIMS 8
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

ADDRESS

AIR MAIL

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 WINNIPEG ,MB R3C 4G1
 CANADA

TITLE

System and method for spacecraft attitude control

FILING FEE RECEIVED 0.00	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)
		<input type="checkbox"/> 1.18 Fees (Issue)
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit